

Result No.	Score	Query	Match	Length	DB	ID	Description
1	7489.6	N_Geneseq_16Dec04:*	1: geneseqn1980s:*	98.8	7582	3 AAA55215	Aaa59215 Human end
2	7487.4		2: geneseqn1990s:*	98.8	7582	2 AAX25665	Aax25665 Complete
3	6448		3: geneseqn2000s:*	85.0	56093	6 ABL61744	Abi61744 Colic ade
4	6346		4: geneseqn2001s:*	84.9	10499	3 ABN97929	Abr97929 Human ret
5	6124.6		5: geneseqn2002s:*	80.8	8523	7 ADS30988	Ad30988 Human gen
6	5108		6: geneseqn2003s:*	67.4	9502	10 ADF59718	Adf59718 Human con
7	3738.4		7: geneseqn2003ds:*	49.3	6394	5 AAS84210	Aas84210 DNA encod
8	3431		8: geneseqn2004as:*	45.3	4349	5 AAS76475	Aas76475 DNA encod
9	3309.6		9: geneseqn2004bs:*	43.7	7466	5 AAS6626	Aas6626 DNA encod
10	3049.8		10: geneseqn2004cs:*	40.2	22436	9 ADA02882	Ada02882 Human Pap
11	3049.8		11: geneseqn2003ds:*	40.2	22436	10 ADB72620	Adb72620 Human Pap
12	3049.8		12: geneseqn2004as:*	40.2	22436	10 ADC55361	Acd55361 Mouse Pap
13	3049.8		13: geneseqn2004bs:*	40.2	22436	12 ADM74477	Adm74477 Human car
14	2948		14: geneseqn2004cs:*	38.9	139573	10 ADH58564	Adh58564 Human can
15	2948		15: geneseqn2005as:*	38.9	156416	13 ABD32817	Abd32817 Human can
16	2932		16: geneseqn2005bs:*	38.7	5154	5 AAS67609	Aas67609 DNA encod
17	2908.2		17: geneseqn2005cs:*	38.4	3464	10 ADE09587	Ade09587 / Novel DNA
18	2889.6		18: geneseqn2006as:*	38.1	2930	6 AAD24195	Aad24195 Human syn
19	2888.6		19: geneseqn2006bs:*	38.1	2946	2 AAX77526	Aax77526 Human sec
20	2888.6		20: geneseqn2006cs:*	38.1	2946	3 AAZ59468	AAz59468 Human sec

Run on:	November 9, 2005, 21:24:10 ; Search time 3569 Seconds (without alignments)	12575.926 Million cell updates/sec	21	2888.6	38.1	2946	10 ADC38776
Perfect score:	7582	1 cacaaatcgggatataacc.....tattaaatcttgcacrtgcr 7582	22	2734.4	36.1	3831	5 AAS71727
Sequence:			23	2688.6	35.5	2938	2 AAX25656
Scoring table:	IDENTITY_NUC		24	2688.6	35.5	3 AAS51206	AAz51206 Gag and P
Gapop:	10.0	Gapext 1.0	25	2670.8	35.2	173564	13 ABD12953
Searched:	4390206 seqs,	2959870667 residues	26	2613.2	34.5	33372	2 AAX25663
Total number of hits satisfying chosen parameters:	8780412		27	2613.2	34.5	3372	3 AAA59213
Minimum DB seq length:	0		28	2550.4	33.6	2599	3 ABN97927
Maximum DB seq length:	2000000000		29	2541.6	33.5	4535	5 AAS76205
Post-processing: Minimum Match 0‡	Maximum Match 100‡	Listing first 45 summaries	30	2541.6	33.5	4535	10 ADC32196
			31	2368.4	31.2	8279	5 AAS76474
			32	2282.4	30.1	2784	3 ABN97930
			33	2251.8	29.7	2372	3 AAA59214
			34	2251.8	29.7	2372	3 AAA59214 R-U5 regi
			35	2241	29.6	8294	5 AAS84209
			36	2241	29.6	8294	10 ADP59732
			37	2220.4	29.3	161334	11 ACN44334
			38	2216	29.2	46340	3 ABN97978
			39	2204.6	29.1	2782	2 AAX25661
			40	2204.6	29.1	2782	3 AAA59211 5' non co
			41	2204.6	29.1	2782	5 AAB20069 HERV-W
			42	2201.4	29.0	7381	5 AAF55630 Nucleotid
			43	2182.8	28.8	3903	5 AAH6211 Phosphori
			44	2168	28.6	8399	7 ADS10993 Human gen
			45	2131.4	28.1	2575	2 AAX25668 Human end

ALIGNMENTS

Database :	N_Geneseq_16Dec04:*	RESULT 1	KEY
	1: geneseqn1980s:*	ID AAS59215 standard; DNA; 7582 BP.	FT LTR
	2: geneseqn1990s:*	XX	FT LTR
	3: geneseqn2000s:*	AC AAS59215;	FT LTR
	4: geneseqn2001s:*	XX	FT LTR
	5: geneseqn2002s:*	XX	FT LTR
	6: geneseqn2003s:*	XX	FT LTR
	7: geneseqn2004as:*	XX	FT LTR
	8: geneseqn2004bs:*	XX	FT LTR
	9: geneseqn2004cs:*	XX	FT LTR
	10: geneseqn2003ds:*	XX	FT LTR
	11: geneseqn2004ds:*	XX	FT LTR
	12: geneseqn2004as:*	XX	FT LTR
	13: geneseqn2004bs:*	XX	FT LTR
		OS Human endogenous retrovirus W (HERV-W) sequence.	
		XX Autoimmune disease; retrovirus; human endogenous retrovirus W; HERV-W; gag gene; pregnancy; multiple sclerosis; T cell proliferation; 86.	
		XX Human endogenous retrovirus.	
		XX	
		Location/Qualifiers	
		1. -120	
		/*tag= ^	
		/notes= "R of 5' LTR"	
		121. -575	
		/*tag= b	
		/notes= "U5 of 5' LTR"	
		579. -596	
		/*tag= c	
		5581. -7194	
		/*tag= d	
		/note= "ORF1 env538"	
		7039. -7194	
		/*tag= e	
		/note= "ORF2 52 AA"	
		7112. -7255	
		/*tag= f	
		/note= "ORF3 48 AA"	
		7244. -7254	
		/*tag= g	
		/note= "polypurine tract"	
		7256. -7582	
		/*tag= h	
		/note= "U3-R of 3' LTR"	
		7563. -7569	
		/*tag= i	
		/note= "polyA signal"	
		XX	PN WO200043521-A2.

Result No.	Score	Query	Match	Length	DB ID	Description
1	7489.6	98.8	7582	6	BD196245	BD196245 Endogenat
2	7489.6	98.8	7582	6	BD2167487	BD2167487 Endogenet
3	7489.6	98.8	7582	6	AK00966	AK00966 Sequence
4	7489.6	98.8	7582	6	AX027480	AX027480 Sequence
5	6448.8	85.0	10222	9	AY101582	AY101582 Homo sapi
6	6448.8	85.0	10222	9	AY101585	AY101585 Homo sapi
7	6448.8	85.0	56093	6	AX129572	AX129572 Sequence
8	6448.8	85.0	56093	9	HSAC000064	AC000064 Human BAC
c	6448.8	85.0	149194	9	AC007566	AC007566 Homo sapi
10	6446.4	85.0	10222	9	AY101583	AY101583 Homo sapi
11	6340	84.9	10222	9	AY101584	AY101584 Homo sapi
12	6336	84.9	10499	6	BD211808	BD211808 Nucleic B
13	6336	84.9	10499	6	AX007980	AX007980 Sequence
14	6346.4	83.7	10229	9	AY101586	AY101586 Pan trogl
15	6344.8	83.7	10229	9	AY101587	AY101587 Pan trogl
16	6344.8	83.7	184675	9	AC145964	AC145964 Pan trogl
17	6269.6	82.7	10230	9	AY101588	AY101588 Gorilla g
18	6268.6	82.7	10230	9	AY101589	AY101589 Gorilla g
19	6037.8	79.6	10122	9	AY101590	AY101590 Pongo pyg

Result	No.	Score	Query	Match	Length	DB	ID	Description	
1	2180.4	28.8	CR605851	CR605851	2748	3	CR605851	CR605851 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).	
2	2176.4	28.7	CR617248	CR617248	2749	3	CR617248	CR617248 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).	
3	2174.4	28.6	CR622175	CR622175	2504	3	CR622175	CR622175 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).	
4	2169.4	28.6	CR625046	CR625046	2748	3	CR625046	CR625046 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).	
5	2147.4	28.3	CR613169	CR613169	2716	3	CR613169	CR613169 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).	
C	6	969	12.8	CR365066	CR365066	1056	5	CR365066	CR365066 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	7	921.2	12.1	CR337769	CR337769	998	5	CR337769	CR337769 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	8	909.6	12.0	CR378303	CR378303	1058	5	CR378303	CR378303 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	9	908.6	12.0	CR391741	CR391741	935	5	CR391741	CR391741 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	10	885.2	11.7	CR408752	CR408752	955	5	CR408752	CR408752 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	11	885	11.7	CR439636	CR439636	1019	5	CR439636	CR439636 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	12	866.6	11.4	CR378304	CR378304	1014	5	CR378304	CR378304 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	13	848.8	11.2	CR749521	CR749521	6400	3	CR749521	CR749521 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	14	834.8	11.0	CR347314	CR347314	924	5	CR347314	CR347314 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	15	820.8	10.8	CR389656	CR389656	931	5	CR389656	CR389656 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	16	820	10.8	CR408752	CR408752	903	5	CR408752	CR408752 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	17	812	10.7	CR326647	CR326647	872	5	CR326647	CR326647 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	18	804	10.6	CR408753	CR408753	883	5	CR408753	CR408753 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	19	803.8	10.6	CR380176	CR380176	966	5	CR380176	CR380176 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	20	789.2	10.4	CR347619	CR347619	877	5	CR347619	CR347619 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	21	776.2	10.2	CR408754	CR408754	921	5	CR408754	CR408754 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	22	771	10.2	CR388766	CR388766	836	5	CR388766	CR388766 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	23	768.6	10.1	CR389657	CR389657	995	5	CR389657	CR389657 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).
C	24	765.4	10.1	CR347111	CR347111	844	5	CR347111	CR347111 Full-length cDNA clone CS0DE0121J724 of Placenta of Homo sapiens (human).